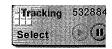
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Derwent Title:

Drying system for dried bean curd - using heat pump system which uses

latent heat of moisture as it condenses

JP59014758A2: DEVICE FOR FINISHING AND DRYING DRIED TOFU

(BEAN CURD)

Assignee:

CHUBU CREATE KOGYO Non-standard company

None

Accession/

1984-058381 / 198410

Update:

A23L 1/20; F26B 21/04; F26B 23/00;

Porwent Classes:

D13; Q76;

Manual Codes:

D03-K09(Devices for concentrating or drying food)

Abstract:

(JP59014758A) In a closed drying system surrounded by double walls, outer wall is formed with a heat-insulating material and outer wall is a plate with openings. In this system air circulates between the walls, and a drying chamber within the inner wall has radiative surfaces for absorbing and discharging heat on the floor and ceiling. On the upstream and downstream sides of the aircirculating space, evaporator and condenser heat-exchanger of a heat pump system are attached respectively together with blowers and humidifier. Circulating air between the walls is dehydrated by the evaporater and then heated by the condenser.

Both heat exchangers provide efficient heat and energy consumption by utilising latent heat of the moisture at its condensn. As the temp, provided by the heat pump is rather lower, good quality, uniform and crackless, dried bean curds can be provided together by the aid of uniform air flow caused by the openings in the inner wall. Heat loss and energy consumption are reduced.

Dwg.1/1

Family:

PDF Patent	Pub. Date	Derwent Update	Pages	Languag	e IPC Code
☑ JP59014758A *	1984-01-25	198410	3	English	A23L 1/20
Local appls.: <u>JP1982000123771</u> Filed:1982-07-17 (82JP-0123771)					
JP85052790B =	= 1985-11-21	198551		English	
Local appls.:					

®INPADOC

None

Legal Status:

Priority Number: Application Number Filed **Original Title**

JP1982000123771 1982-07-17 SHIMIDOFUNOSHIAGEKANSOSOCHI

Title Terms:

DRY SYSTEM DRY BEAN CURD HEAT PUMP SYSTEM LATENT HEAT

MOIST CONDENSATION

Pricing Current charges

Derwent Searches: Boolean | Accession/Number | Advanced

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